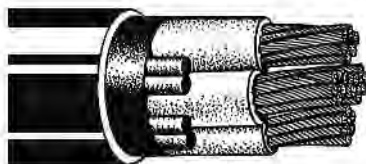


Type W CV Cured



Product Description

EPR insulation
Thermoset jacket
90°C, 2 kV

Applications

For use in mining machines, loaders and welders; as motor leads; in temporary power installations; in utility maintenance; and in other mobile equipment.

Specifications

- CONDUCTOR: Rope-stranded copper
- INSULATION: Ethylene Propylene Rubber (EPR)
- ASSEMBLY: The specified number of conductors cabled with fillers, over-wrapped with reinforced binder, separator where applicable
- OVERALL JACKET: CV cured thermoset compound
- STANDARDS: Meets the requirements of ICEA S-75-381 (NEMA WC58), accepted by MSHA and marked with the manufacturer's P number, Listed Type W per UL Subject 1650
- AMPACITY: Based on an ambient temperature of 40°C and conductor temperature of 90°C per ICEA S-75-381 table. Additional ampacities available in 2008 NEC Table 400.5 (B)
- TEMPERATURE: 90°C
- VOLTAGE: 2 kV

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Lead cured available upon request (5B-XXXX). Diameters and weights may vary among manufacturers.

Part No.	Conductor Size AWG/kcmil	No. of Strands	No. of Conductors	Insulation Thickness (in.)	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.	Amps per Conductor
5B-0801C	8	133	1	0.060	0.440	130	83
5B-0601C	6	133	1	0.060	0.510	175	109
5B-0401C	4	259	1	0.060	0.570	230	145
5B-0201C	2	259	1	0.060	0.660	375	192
5B-0101C	1	259	1	0.080	0.740	455	223
5B-1011C	1/0	259	1	0.080	0.770	500	258
5B-2021C	2/0	259	1	0.080	0.820	600	298
5B-4041C	4/0	259	1	0.080	0.930	895	400
5B-2501C	250	427	1	0.095	1.030	1,101	445
5B-3501C	350	427	1	0.095	1.150	410	552
5B-5001C	500	427	1	0.095	1.310	940	695
5B-0802C	8	133	2	0.060	0.810	400	72
5B-0602C	6	133	2	0.060	0.930	580	95
5B-0402C	4	259	2	0.060	1.080	770	127
5B-0202C	2	259	2	0.060	1.270	150	167
5B-0803C	8	133	3	0.060	1.005	564	59
5B-0603C	6	133	3	0.060	1.010	740	79
5B-0403C	4	259	3	0.060	1.170	1,050	104
5B-0203C	2	259	3	0.060	1.340	390	139
5B-0103C	1	133	3	0.080	1.510	800	161
5B-1013C	1/0	259	3	0.080	1.650	2,320	186
5B-2023C	2/0	259	3	0.080	1.750	2,590	215
5B-4043C	4/0	259	3	0.080	2.040	715	287
5B-5003C	500	427	3	0.095	3.030	8,080	487
5B-0804C	8	133	4	0.060	1.025	674	54
5B-0604C	6	133	4	0.060	1.100	895	72
5B-0404C	4	259	4	0.060	1.270	300	93
5B-0204C	2	259	4	0.060	1.480	805	122
5B-0104C	1	259	4	0.080	1.680	260	143
5B-1014C	1/0	259	4	0.080	1.790	605	165
5B-2024C	2/0	259	4	0.080	1.930	380	192
5B-3034C	3/0	259	4	0.080	2.070	850	221
5B-4044C	4/0	259	4	0.080	2.260	4,505	255
5B-0805C	8	133	5	0.060	1.025	674	54
5B-0605C	6	133	5	0.060	1.100	895	72
5B-0405C	4	259	5	0.060	1.270	300	93
5B-0205C	2	259	5	0.060	1.480	805	122
5B-1015C	1/0	259	5	0.080	1.790	605	165

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Conductor color code chart

Number of Conductors	Cable Types	Color Identification	Number of Conductors	Cable Types	Color Identification
2	All	Black, White	4	G Round	Black, White, Red, Orange
3	G or G-GC Round or Flat	Black, White, Red	4	W Round	Black, White, Red, Green
3	SHD-GC	Black, White, Red	5	W Round	Black, White, Red, Green, Orange
3	W Round and Flat	Flat Black, White, Green	Ground Check Conductor	SHD-GC, GGC and MPF-GC	Yellow

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